

From owner-qrp-l@netcom.com Mon Oct 31 21:37:14 1994
Date: Mon, 31 Oct 1994 19:05:07 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: AC4HF Review
Message-Id: <Pine.3.87.9410311907.D12982-0100000@random.ucs.mun.ca>

Chuck and QRP-L gang,

I just got two of these cases from Chuck and to just describe better what the photo in the latest 73 mag shows - these cases are nicely made and great for your QRP projects. The cases have a nice "lip" all around much like the older miniboxes and make for a nice solid enclosure. Size is 2 1/2 X 5 1/2 X 6 1/2 - good working size. Enough room to mount an QRP Club NE 30-40 and 40-40 in the same box for a poor-mans(person's) dual bander rig - hint!!!!

Thanks Chuck for a nice cabinet.

72 Bob VO1DRB/WA6ERB

On Fri, 28 Oct 1994, chuck adams wrote:

>
> Gang,
>
> Just before the meeting at Two Guys From Italy
> last night I ran by a couple of stores in Sunnyvale/
> Mt View area. I picked up the latest issue of 73
> magazine. In it, Jeff AC4HF, has a review of the
> MXM Simple Transceiver starting on page 32.
>
> On the same page is a photo of the rig from the top.
>
> He says "... and a very nice aluminum case (I liked
> the case the way it came and didn't bother to paint
> it)." It just so happens that the case is the one that
> I had announced a year ago on the net. So, if you
> want to see what it looks like from one view here is your
> chance.
>
> I have two of these rigs, 40M and 20M, but haven't had
> time to write up my review, but promise to do so soon.
>
> dit dit
> SIG
> Chuck Adams K5FO CP-60
> adams@sgi.com
>

>
>

From owner-qrp-l@netcom.com Mon Oct 31 00:52:01 1994
Date: Sun, 30 Oct 1994 20:36:01 -0800
From: dgf@netcom.com (David Feldman)
Message-Id: <199410310436.UAA01243@netcom2.netcom.com>
Subject: Argonaut 505 rescued...

At the local swap (Denver) this sunday I encountered an old Argonaut 505 for which I have provided a good home. It's a bit beat up, but is complete and tries to work, and was \$50, including a "signalizer". What is a "signalizer"? It seems to be a speaker with some kind of CW filter, but no docs so not sure. I passed up a 405 amplifier (another seller) offered for \$200 (!).

73 Dave WB0GAZ dgf@netcom.com

From owner-qrp-l@netcom.com Mon Oct 31 17:02:07 1994
Subject: Re: Argonaut 505 rescued...
Date: Mon, 31 Oct 1994 11:35:57 -0800
From: Clark Savage Turner WA3JPG <turner@safety.ICS.UCI.EDU>
Message-Id: <9410311136.aa28663@paris.ics.uci.edu>

Argonaut 505 for \$50?
Very good deal, especially if you can get it up and running.

The "signalizer" was Ten Tec's outboard audio amp / agc / filter for the power mites (and for the argo). It is a neat little box, I just got rid of mine (I might still have a copy of the manual, I will check).

You did well to pass up the 405 amp at \$200. That is high, unless perfect and including a matching power supply and other goodies. Besides, who needs all that power :-)

Clark
WA3JPG

From owner-qrp-l@netcom.com Mon Oct 31 03:13:11 1994
Date: Sun, 30 Oct 1994 22:01:54 -0800 (PST)
From: Stephen Lee <slee@u.washington.edu>
Subject: Re: CQWW SSB 94 QRP
Message-Id: <Pine.A32.3.91a.941030210835.27739A-100000@homer08.u.washington.edu>

Interesting information on conditions, Rick. Reading from the astronomy

newsgroup, there's a very high probability of an Aurora between now and November 3. That means there is going to be some interesting propagation effects in the northern latitudes during the next week. Try for an aurora bounce. The received signal fades in and out very quickly, there's lots of static, and you may hear multiples of the same received signal. Really neat stuff. I was lucky to experience this once last winter.

For what it's worth, I got a DX contact tonight on 7.123 MHz at about 0300 UTC. The other station was WN6GKE, Ivan, calling from just outside of Reppressa, France. Well, he sent his QTH as Reppressa, F. and told me to QSL through the "buro". I've got the W5YI Group LOGBOOK and it lists F. as the prefix for France. I'll verify that tomorrow. Wasn't working QRP, though...Heathkit SB-101 QRO at 100 Watts on a G5RV up 25 feet. I've got a hunch that if indeed I was working a French QTH, then it's because of the aurora conditions.

Stephen Lee
KC7AVB

On Sun, 30 Oct 1994, Rick Zabrodski wrote:

```
> Solar flux 98
> A index 39
> K index 5
>
> Incredibly bad conditions up hear near the artic circle in the frozen north.
> Worked a few south pacific and carribean stations plus the ususal JA's
> but europe was hard to hear, let alone work. (One RA0 in the log)
> The only consolation is that it was bad for everyone and the signals that
> I could hear I could usually work.
> Things can only improve, right?
>
>
> *****
> Dr. Rick Zabrodski BSc, MD, CCFP(E)          *          VE6GK
> EMAIL:  zabrodsk@med.ucalgary.ca             *
> Packet: VE6GK@VE6YYC.#cgy.ab.can.na         *          "Power is no subsititute
> Phone: (403) 271-5123   Fax: 225-1276        *          for skill."
> *****
>
>
>
>
```

From owner-qrp-l@netcom.com Mon Oct 31 14:30:51 1994
Message-Id: <199410311525.AA19290@orion.aoc.nrao.edu>
Date: Mon, 31 Oct 1994 08:25:12 -0700

From: Dave Finley <dfinley@aoc.nrao.edu>
Subject: Re: Keys for BACKPACKING ??

Hi:

I, too, like my Benchers, but don't have a lot of confidence about their ability to take much handling. I consider them "fixed" equipment.

I recently found a nice set of paddles at a hamfest. They're made by a now-defunct company called Ham-Key. I'm told they were quite popular a few years ago. They're a mixture of plastic and metal hardware on a solid metal base, and seem quite rugged. I've already taken them out a few times with no ill effects. I also like their "feel" very much. They're a bit lighter than the Benchers, but not much, so if weight is your main concern, they still might not be the answer.

There's another alternative, if you're interested in a straight key. I just got a straight key mounted on a metal strap arrangement for use on your leg. This is a nice piece of equipment, and is particularly good if you aren't going to have an operating table available. You can sit in a chair or on the ground (on or a log, etc.) and use this key very well. It's military surplus available for \$20 from Fair Radio Sales in Lima, Ohio.

73,

Dave, N1IRZ

From owner-qrp-1@netcom.com Mon Oct 31 20:24:16 1994
Date: Mon, 31 Oct 94 12:36:38 PST
From: Mike J Pulley <Mike_J_Pulley@ccm.ch.intel.com>
Message-Id: <941031123638_1@ccm.hf.intel.com>
Subject: Re: Keys for BACKPACKING ??

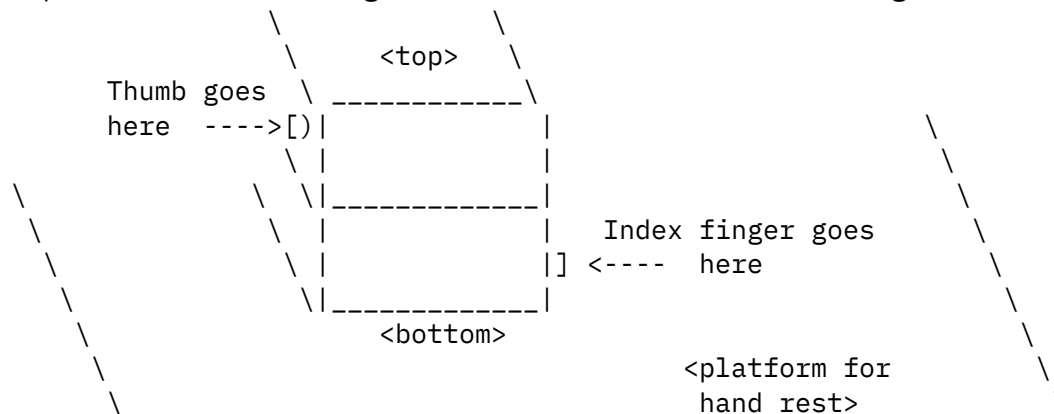
Text item:

Steve,

QST had an article last year about a guy who motorcycled cross country using CW while under way. He used 2 micro switches mounted to his handlebars. The switches were oriented back to back, with the buttons facing outward from each other. I bet a similar solution would work for you.

Stack the switches and bolt the assembly to the top of your rig, or some other fairly rigid platform where you can rest your hand.

Experiment with leaving the lever handles on or removing them.



Hmmm. I think I just spent *way* too much time drawing an explanation of the obvious. Oh well, there it is.

Steve, I'd like to hear what you decide to use. I've been kicking around a similar idea when I go bicycle touring and take the HF QRP rig along.

Regards,

-- Mike, WB4ZKA

=====
Mike Pulley Intel Corporation
Phoenix, Arizona (USA) Mike_J_Pulley@ccm.hf.intel.com
QRP interests: Operating (WAS or bust!)
"People who say that there is no panacea have just never owned
a Swiss army knife." -- Thomas Sowell, 12/3/93
=====

----- Reply Separator -----

Subject: Keys for BACKPACKING ??

Author: owner-qrp-1@netcom.com at Internet_Gateway

Date: 10/29/94 9:43 AM

I am collecting information on KEYS for use while backpacking. Weight is an important factor, I don't think I'll haul my Bencher. It needs to be "solid" too, the Bencher wouldn't take the ride without special packaging and more weight.

1. Should I stick with a straight key?
2. I have a small machine "shop", are there any designs for "bomb proof" keys?

ps: I am looking at this project as a way of "forcing" me to use cw, so I can upgrade. I already enjoy QRP, my IC502 (6 meters @ 2w) has gone on a few backpacking trips.

73, Steve - WB3LGC

Text item: External Message Header

The following mail header is for administrative use and may be ignored unless there are problems.

IF THERE ARE PROBLEMS SAVE THESE HEADERS.

Precedence: list

Sender: owner-qrp-l@netcom.com

Subject: Keys for BACKPACKING ??

To: qrp-l@netcom.com

Message-Id: <9410281002584620735@aol.com>

Date: Fri, 28 Oct 1994 10:03:07 -0400

Received: by mail02.prod.aol.net

(1.38.193.5/16.2) id AA06041; Fri, 28 Oct 1994 10:03:07 -0400

>From: WB3LGC@aol.com

Received: from mail02.prod.aol.net by mail.netcom.com (8.6.9/Netcom)

id HAA22092; Fri, 28 Oct 1994 07:00:43 -0700

Received: by mail.netcom.com (8.6.9/Netcom)

id HAA22163; Fri, 28 Oct 1994 07:01:07 -0700

Received: from mail.netcom.com by hermes.intel.com (5.65/10.0i); Sat, 29 Oct 94

Received: from hermes.intel.com by relay.jf.intel.com with smtp

(Smail3.1.28.1 #2) id m0r1Gsa-000tweC; Sat, 29 Oct 94 09:43 PDT

From owner-qrp-l@netcom.com Mon Oct 31 22:26:46 1994

Message-Id: <9410312219.AA28239@elmailer.asic.mtv.nec.com>

Date: Mon, 31 OCT 94 14:10:08

From: Charles Furnweger <CHARLES@asic.mtv.nec.com>

Subject: Re: Keys for BACKPACKING ??

The fall issue of QRPP (Journal of the NorCal QRP club) has a great article by Terry Seeno on construction of a backpacking key. It is basically two microswitches mounted side-by-side (not opposing) on a piece of PVC (schedule 125) pipe. It is really neat. I built one up in about 2-hours and have been practicing with it. It is very easy to learn to use and it only weighs about 1.5 ounces.

The same article also has a method of building lightweight center and end insulators and a reel to roll the antenna on when not in use. Terry is an avid backpacker and his goal is to reduce the weight of

his "traveling" qrp rig and accessories to an absolute minimum.

Check out the article, his paddle is very unique, and it works!

73..... :-)

Charles W (415) 965-6433
WB4OWL charles@asic.mtv.nec.com

From owner-qrp-l@netcom.com Mon Oct 31 11:06:16 1994
Message-Id: <n1428610989.6482@qmgate.larc.nasa.gov>
Date: 31 Oct 1994 08:56:39 U
From: "Robert Neece" <Robert_Neece.AMRB#fu#QM@qmgate.larc.nasa.gov>
Subject: list vs. group

	Subject:	Time: 9:41 AM
OFFICE MEMO	list vs. group	Date: 10/31/94

I'm feeling sorry for myself, since it looks like I'll have to unsubscribe again. The volume of mail is too much for me. A news group would be easier to handle.

There are some definite advantages to having a list, but perhaps a little efficiency in posting is in order. A great deal of the mail in my box is trivial or redundant. Here are some simple suggestions that might keep the volume down without reducing the communication (kind of like qrp, right):

- If someone asks for information, send a response directly to them. They can collect the information from several responses and post a followup.
- If you have something trivial to say to an individual, send a message directly to them. Trivial is in the eye of the beholder, so send the message to someone who won't think it is trivial.
- If you just want to put in your 2 cents, count and see if you have enough first.

It's Monday.

Rob
N4JEO

From owner-qrp-l@netcom.com Mon Oct 31 21:22:22 1994
Date: Mon, 31 Oct 1994 18:54:27 -0600

From: Jack Bryant <Jack.Bryant@math.tamu.edu>
Message-Id: <199411010054.SAA15616@fourier.math.tamu.edu>
Subject: Mobile keys

I used a Bencher mobile for two trips from Texas to South Dakota (and all over that state). I placed it vertically between my legs, not attached to anything. Never had a problem, and there was no learning curve, seemed very natural from the beginning. I got some curious stares from passing 18 wheelers, and, being right handed, had gaps in a few QSOs to change gears on the VW microbus, but overall it was unbeatable.

I think it would work as well on a motorcycle, but you might want to anchor it to something in case you somehow get separated from the bike.

-Jack W5TFB

From owner-qrp-1@netcom.com Mon Oct 31 15:22:47 1994
Date: Mon, 31 Oct 94 15:51:13 GMT
Message-Id: <9410311551.AA27977@marel.is>
From: kiddi@marel.is (Kristinn Andersen)
Subject: Need info on DSP kits

Hi,

I'd like to do some experimentation with DSP chips. There have been some inexpensive evaluation kits around, and I would like to hear if anyone has comments or comparison on these. Even if you don't have first hand info, I'd appreciate internet sources, addresses or phone/fax numbers of vendors or others who can give me technical and pricing info. Please don't give me 800-numbers - they don't work from overseas...

Thanks,

Kristinn Andersen, TF3KX

kiddi@marel.is

```
-----/-----  
// Kristinn Andersen / E-mail: kiddi@marel.is //  
// Skulaskeid 10 / Callsigns: TF3KX, AB4ST //  
// 220 Hafnarfjordur / //  
// ICELAND / //  
-----/-----
```

From owner-qrp-1@netcom.com Mon Oct 31 16:21:10 1994
Message-Id: <m0r1zgs-000Bc8C@mercury.mcs.com>
Date: Mon, 31 Oct 1994 11:33:58 -0600

From: johnflem@popmail.mcs.com (John Fleming)
Subject: Newgroup vs List, cont....

I brought this up last week, seems to have gotten quite a bit of feedback, probably too much.

Initially, asked about alt.radio.amateur.qrp, obviously should have said rec.radio.amateur.qrp; sorry.

But, this list continues to grow; I don't know how many others are in the same boat I am, of having a bursting mailbox in the morning. Would it be possible to post to BOTH a list and have the list forward to a usenet news group, or is that technically impractical?

I really like the newsgroup, but when my boss asks me if I read the e-mail he had sent to me, and he looks and sees a gazillion "Caught Fox Last Night" messages, I think I may need to unsubscribe.

Now, I'll shut up, won't post about it agin..

72,
John N9NDH

"We secretly replaced the Dilithium Crystals with Folgers.
Let's see if the crew of the Enterprise notices.."

From owner-qrp-l@netcom.com Mon Oct 31 20:20:58 1994
From: jeffrey@math.hawaii.edu
Date: Mon, 31 Oct 94 13:40:20 HST
Message-Id: <9410312340.AA00311@cruncher.math.hawaii.edu>
Subject: Re: Newgroup vs List, cont....

Just as a reminder to everyone, there is a daily digest available of all the day's articles on QRP-L from an ftp site. If the volume of emails is too much, then unsub from the list and ftp the digest each day:
ftp sunsite.unc.edu then
cd /academic/agriculture/agronomy then
get DAILY.QRP

Jeff NH6IL

From owner-qrp-l@netcom.com Mon Oct 31 02:56:26 1994
Date: Sun, 30 Oct 1994 22:36:33 -0800 (PST)

From: Alan Kaul <kaul@netcom.com>
Subject: Re: Power Attenuator Pads
Message-Id: <Pine.3.89.9410302239.A19659-0100000@netcom8>

Why bother with dissipating all that heat using resistor pad network -- when IF the QRO rig is one of the popular transceivers manufactured withing last 5-10 years by EITHER Kenwood or Icom?? YOU CAN LOWER THE POWER OUTPUT TO JUST MILLIWATTS USING THE ALC CIRCUIT ON THOSE MODELS (AND PROBABLY MOST OTHER RECENT TRANSCEIVERS) BY FEEDING THE ALC INPUT JACK WITH AN ADJUSTABLE NEGATIVE VOLTAGE. The circuit I'm using relies on a 1.5V AA-battery, + connected to ground, and the - terminal connected through a 100k pot to a shielded cable/RCA plug. The -NEG- from the battery connects to one end of the pot, and the wiper feeds the shielded cable. Battery +POS+ connects to the cable shield. I have been able to tune the transmitter to less than 1/10th of a watt. Others have told me it'll go much much lower, but I don't have an accurate way to measure VERY LOW POWER output levels. ICOM designed the circuit and recommended it to owners in an ad in QST 3-4 years ago. The ''bad news is'' my ICOM 725 still draws approx 4 Amps of power when I'm running milliwatts!!!! The good news is, I ought to be able to mix to the new generation of Ten-tec 6m xverters without difficulty!

Good luck and 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@netcom.com Mon Oct 31 13:31:54 1994
Date: Mon, 31 Oct 94 10:12:14 EST
From: jfw@ksr.com (John F. Woods)
Message-Id: <9410311512.AA02544@kaos.ksr.com>
Subject: Sierra problem solved

I had reported that I couldn't properly tune up the 30m band module for my Sierra; the driver capacitors had to be at minimum capacitance to get any output at all, which was in the hundred-milliwatt range or so. After the 80m module tuned up just fine, I tried again, and a little careful study of the oscilloscope display revealed that I was tuning the output stage with a ~15MHz signal! It turns out that I had peaked the PMO mixer for about 20MHz instead of 15MHz, so the driver mixer product that I was trying to tune was 15MHz instead of 10MHz. Once I correctly tuned the PMO mixer, the rest tuned up nicely. Now I just have to get a decent antenna up in the air, and I'm off!

73, John, WB7EEL/1

From owner-qrp-1@netcom.com Mon Oct 31 01:30:43 1994

From: rohrwerk@holonet.net
Date: Sun, 30 Oct 1994 19:45:15 -0800
Message-Id: <199410310345.TAA00930@holonet.net>
Subject: Tek 1L5 xtal/info?

My latest hamfest purchase this weekend was a Tektronix 1L5 spectrum analyzer plug-in (50 Hz-1MHz) for the old tube scopes. A crystal on the left side is apparently missing. It does give a basic trace in my 533A scope, but it doesn't behave anything like a spectrum analyzer.

Anybody got information on this thing? A manual would be nice, or if you have one, the crystal frequency/type. Does Tek still support these old beasts with reasonably-priced parts and manuals?

: John Seboldt	rohrwerk@holonet.net	/	I am Bach of Borg...
: Amateur radio	K0JD...	/	your style will be
: Church of the Annunciation,		/	assimilated.
: Minneapolis		/	

-> Alice4Mac 2.3 E QWK Eval:05Mar94